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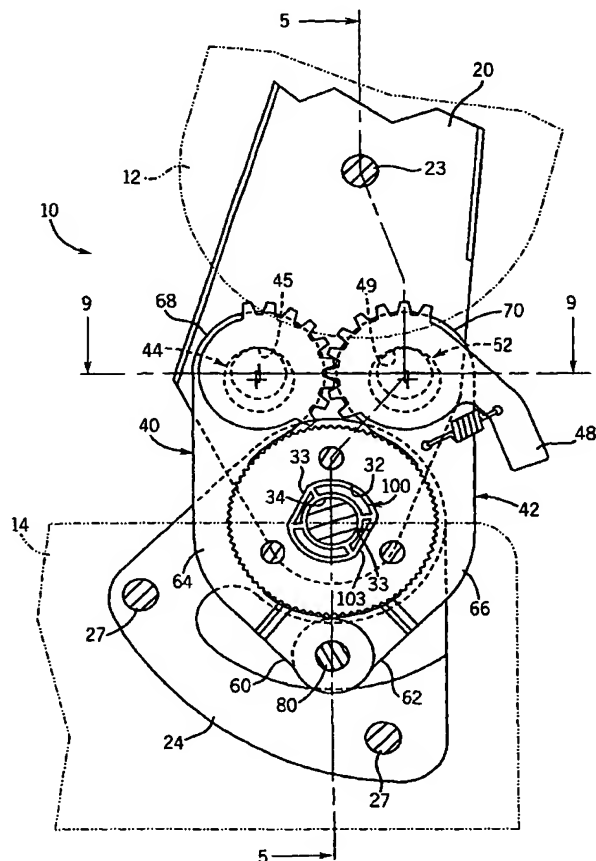
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[Continued on next page]

(54) Title: RECLINER MECHANISM



(57) Abstract: A recliner mechanism for a vehicle seat includes a toothed sector member secured to a seat frame and first and second pivoted pawl members each including a plurality of teeth to engage the teeth of the sector member. The first and second pawl members also each pivot on a cam pin member located at a distal end thereof, the cam pins each have a center axis and an offset axis having by a toothed cam lobe. The toothed cam lobes mesh such that rotation of one cam pin member causes the other cam pin member to rotate in the opposite direction. A handle is coupled to at least one of the cam pin members to rotate the cam pin members and cause the pawl members to rotate about a pin connecting the proximal ends of the pawl members. The pawl members are movable between a first or locked position and a second or unlocked position, permitting the seat back to be adjusted with respect to the seat base against the force of a spring.

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	US 6 230 867 B1 (SCHWARZBICH JOERG) 15 May 2001 (2001-05-15) abstract; figure 2	1,3,6
Y	US 5 328 241 A (HAIDER SYED) 12 July 1994 (1994-07-12) abstract; figure 4	3,6
A		1
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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